

Utah's Vital Statistics: Quarterly Report

Fourth Quarter 2004



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Mission Statement

The Office of Vital Records and Statistics administers the statewide system of Vital Records and Statistics by documenting and certifying the facts of births, deaths, and family formation for the legal purposes of the citizens of Utah, participates in the National Vital Statistics System, and responds to the needs of health programs, health care providers, businesses, researchers, educational institutions and the Utah public for data and statistical information.

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Births, deaths, infant deaths and population by health district: Utah Fourth Quarter 2004

Health District County	Population Number	Births		Deaths		Infant Deaths		Fetal Deaths	
		4th Qtr Number	YTD Number	4th Qtr Number	YTD Number	4th Qtr Number	YTD Number	4th Qtr Number	YTD Number
Total	2,338,762	11,873	50,435	3,292	13,038	59	254	63	292
Bear River	141,322	774	3,296	185	708	1	7	1	17
Box Elder	43,812	203	814	68	290	0	3	0	3
Cache	95,460	565	2,456	111	407	0	3	1	14
Rich	2,050	6	26	6	11	1	1	0	0
Central Utah	67,673	301	1,194	135	568	0	8	2	9
Juab	8,643	49	192	20	74	0	3	1	1
Millard	12,335	49	198	20	110	0	3	0	1
Piute	1,409	2	24	3	19	0	0	0	0
Sanpete	23,550	100	398	40	175	0	2	1	4
Sevier	19,232	84	341	44	170	0	0	0	3
Wayne	2,504	17	41	8	20	0	0	0	0
Davis	250,265	1,245	5,583	325	1,192	6	23	2	42
Salt Lake	927,564	4,355	18,350	1,328	5,222	27	101	23	98
Southeastern	53,082	144	745	91	368	1	5	1	6
Carbon	19,858	55	320	43	200	1	2	1	4
Emery	10,540	28	165	16	66	0	1	0	2
Grand	8,468	23	92	18	47	0	1	0	0
San Juan	14,216	38	168	14	55	0	1	0	0
Southwest	152,960	832	3,392	282	1,121	4	21	5	20
Beaver	6,285	33	132	14	59	0	0	0	1
Garfield	4,599	20	70	7	33	0	0	0	0
Iron	35,507	212	845	48	187	2	6	1	6
Kane	5,958	30	96	16	57	0	1	0	0
Washington	100,611	537	2,249	197	785	2	14	4	13
Summit	32,236	136	577	27	100	1	3	0	5
Tooele	46,208	233	1,055	59	258	2	7	3	8
Tri-County	41,756	212	874	78	305	2	5	2	6
Daggett	916	3	6	0	1	0	0	0	0
Duchesne	14,856	77	302	33	122	1	2	0	0
Uintah	25,984	132	566	45	182	1	3	2	6
Utah County	398,056	2,545	10,946	402	1,676	7	53	15	47
Wasatch	16,847	95	374	17	85	0	0	2	4
Weber-Morgan	210,793	1,001	4,049	363	1,435	8	21	7	30
Morgan	7,416	30	114	12	41	0	2	1	1
Weber	203,377	971	3,935	351	1,394	8	19	6	29

YTD is Year to Date.

Births, c-sections, gestation under 37 weeks, mothers under 20 years of age, and low birthweight by county of residence: Utah, Fourth Quarter 2004

Health District County	Births		C-Sections		Gestation Under 37 Weeks		Mothers Under 20 Years of Age		Low Birth Weight	
	4th Qtr Number	YTD Number	4th Qtr Number	YTD Number	4th Qtr Number	YTD Number	4th Qtr Number	YTD Number	4th Qtr Number	YTD Number
Total	11,873	50,435	2,585	10,507	1,258	5,048	790	3,152	837	3,356
Bear River	774	3,296	159	625	71	317	41	187	48	188
Box Elder	203	814	40	154	17	70	12	62	13	50
Cache	565	2,456	118	467	54	244	29	125	35	137
Rich	6	26	1	4	0	3	0	0	0	1
Central Utah	301	1,194	73	291	32	136	31	99	22	95
Juab	49	192	8	42	6	24	2	10	4	15
Millard	49	198	11	41	3	21	8	22	1	12
Piute	2	24	1	7	0	3	0	1	0	4
Sanpete	100	398	31	118	13	54	7	32	8	34
Sevier	84	341	18	73	8	30	12	32	7	25
Wayne	17	41	4	10	2	4	2	2	2	5
Davis	1,245	5,583	291	1,188	166	639	68	268	101	400
Salt Lake	4,355	18,350	955	3,931	467	1,802	287	1,217	310	1,275
Southeastern	144	745	42	204	12	72	14	78	9	53
Carbon	55	320	17	97	6	46	5	35	4	29
Emery	28	165	5	35	3	13	2	14	2	9
Grand	23	92	5	25	1	3	3	10	0	1
San Juan	38	168	15	47	2	10	4	19	3	14
Southwest	832	3,392	149	548	89	328	90	276	61	206
Beaver	33	132	10	29	4	10	3	14	1	2
Garfield	20	70	6	17	5	14	0	2	3	10
Iron	212	845	32	130	28	82	22	62	20	55
Kane	30	96	7	16	7	14	3	9	5	12
Washington	537	2,249	94	356	45	208	62	189	32	127
Summit	136	577	37	154	16	68	8	31	14	55
Tooele	233	1,055	43	219	22	123	16	94	12	65
Tri-County	212	874	58	224	36	108	32	111	27	71
Daggett	3	6	0	0	0	1	1	1	0	0
Duchesne	77	302	23	74	18	38	11	31	12	22
Uintah	132	566	35	150	18	69	20	79	15	49
Utah County	2,545	10,946	501	2,040	232	948	101	389	150	617
Wasatch	95	374	19	88	8	32	8	27	6	20
Weber-Morgan	1,001	4,049	258	995	107	475	94	375	77	311
Morgan	30	114	5	17	2	17	2	6	1	7
Weber	971	3,935	253	978	105	458	92	369	76	304

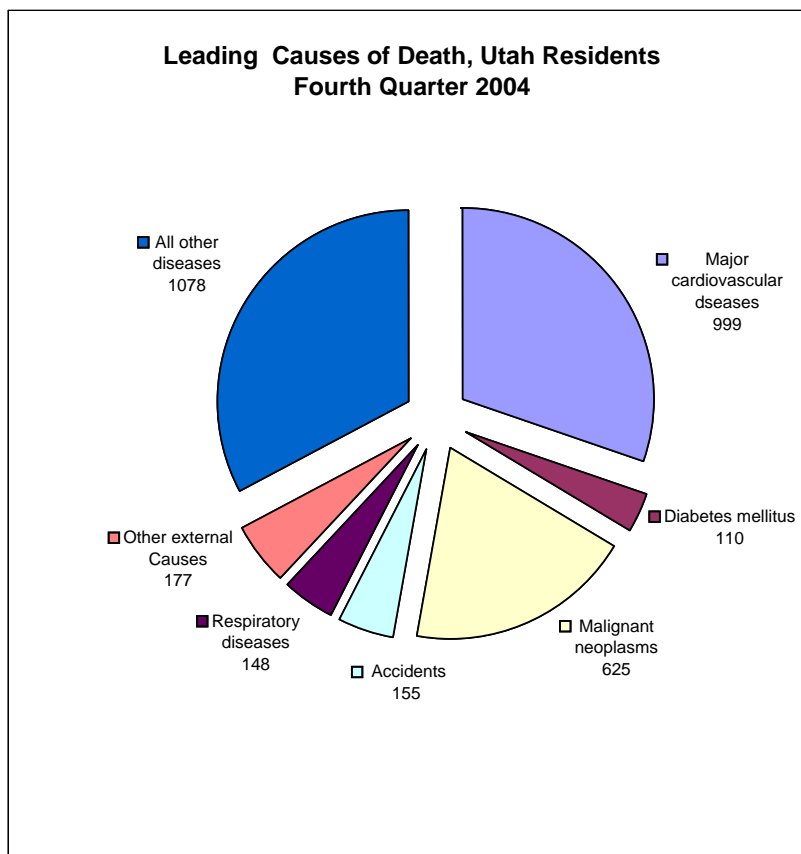
YTD is Year to Date.

Deaths due to unnatural causes by county of residence: Utah, Fourth Quarter 2004

Health District County	Deaths		Total		Motor Vehicle		Other Accidents		Homicide		Suicide		Undetermined	
	4th Qtr Number	YTD Number	4th Qtr Number	YTD Number	4th Qtr Number	YTD Number	4th Qtr Number	YTD Number	4th Qtr Number	YTD Number	4th Qtr Number	YTD Number	4th Qtr Number	YTD Number
Total	3,292	13,038	332	1,288	67	278	88	350	12	43	95	364	70	253
Bear River	185	708	17	69	4	16	6	22	0	0	5	18	2	13
Box Elder	68	290	6	25	2	10	0	4	0	0	3	7	1	4
Cache	111	407	10	43	1	5	6	18	0	0	2	11	1	9
Rich	6	11	1	1	1	1	0	0	0	0	0	0	0	0
Central Utah	135	568	21	56	5	11	7	18	1	2	7	17	1	8
Juab	20	74	4	6	2	2	1	3	0	0	1	1	0	0
Millard	20	110	1	9	0	0	0	3	0	1	1	4	0	1
Piute	3	19	1	1	1	1	0	0	0	0	0	0	0	0
Sanpete	40	175	8	25	2	6	2	5	0	0	3	9	1	5
Sevier	44	170	7	15	0	2	4	7	1	1	2	3	0	2
Wayne	8	20	0	0	0	0	0	0	0	0	0	0	0	0
Davis	325	1,192	34	111	7	19	8	33	0	1	14	39	5	19
Salt Lake	1,328	5,222	149	533	24	105	37	135	11	29	42	147	35	117
Southeastern	91	368	11	37	4	10	2	10	0	1	3	10	2	6
Carbon	43	200	4	12	0	2	2	2	0	1	1	3	1	4
Emery	16	66	2	9	1	2	0	4	0	0	1	2	0	1
Grand	18	47	5	10	3	4	0	1	0	0	1	4	1	1
San Juan	14	55	0	6	0	2	0	3	0	0	0	1	0	0
Southwest	282	1,121	18	91	7	27	4	23	0	3	4	24	3	14
Beaver	14	59	3	8	2	5	0	1	0	0	1	2	0	0
Garfield	7	33	0	0	0	0	0	0	0	0	0	0	0	0
Iron	48	187	3	23	0	4	1	4	0	3	1	8	1	4
Kane	16	57	1	4	0	1	0	0	0	0	1	1	0	2
Washington	197	785	11	56	5	17	3	18	0	0	1	13	2	8
Summit	27	100	1	12	0	2	0	4	0	0	1	4	0	2
Tooele	59	258	4	37	1	17	2	9	0	0	0	2	1	9
Tri-County	78	305	5	41	3	14	1	12	0	1	1	9	0	5
Daggett	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Duchesne	33	122	1	10	1	7	0	2	0	0	0	0	0	1
Uintah	45	182	4	31	2	7	1	10	0	1	1	9	0	4
Utah	402	1,676	44	170	9	35	13	50	0	2	10	54	12	29
Wasatch	17	85	1	10	0	4	0	1	0	0	0	4	1	1
Weber-Morgan	363	1,435	27	121	3	18	8	33	0	4	8	36	8	30
Morgan	12	41	2	5	0	2	2	2	0	0	0	1	0	0
Weber	351	1,394	25	116	3	16	6	31	0	4	8	35	8	30

YTD is Year to Date.

Figure 1



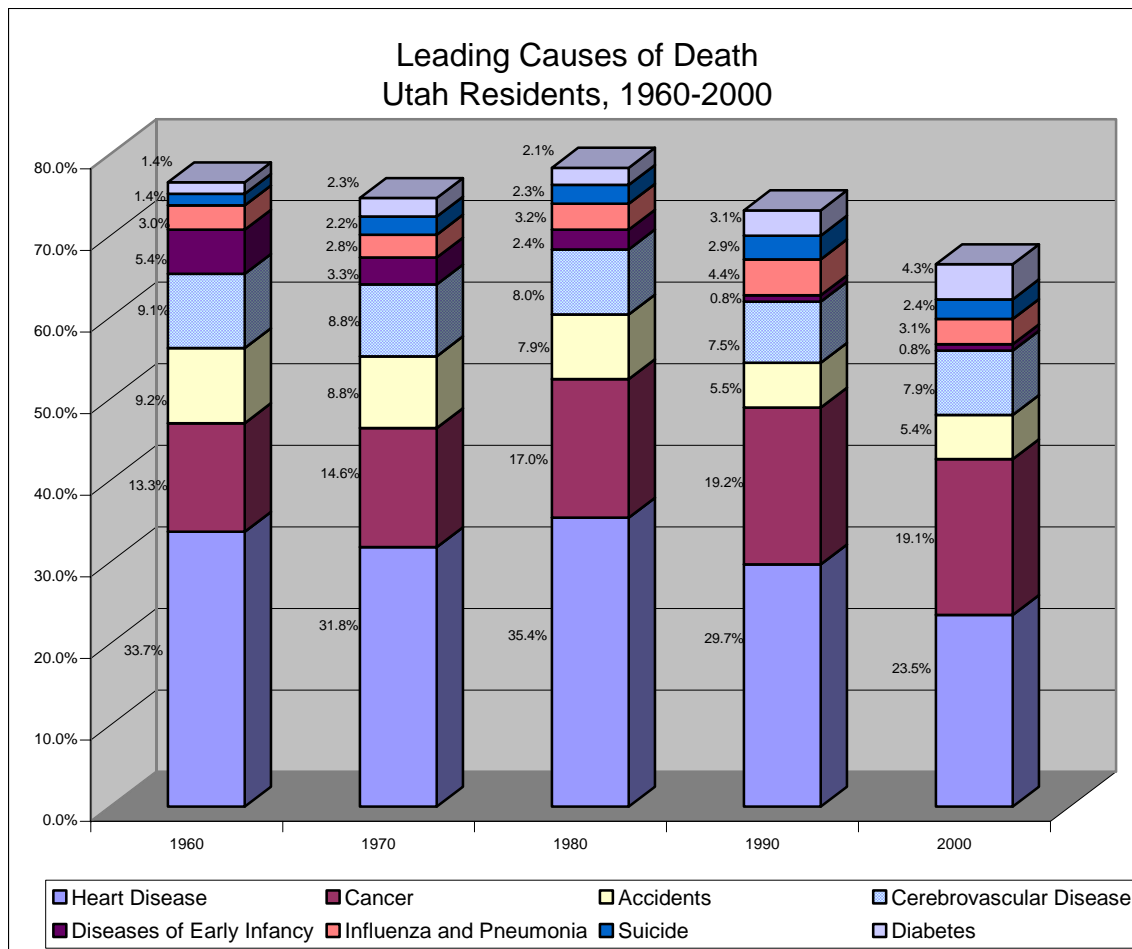
Utah Vital Statistics: A Historical Review

Utah Vital Statistics: A Historical Review presents an overview of selected public health trends in Utah using data from Utah birth and death certificates. These data may be available for approved research projects. For more information or to request data, please contact the Utah Office of Vital Records and Statistics.

Heart Disease

Heart Disease is the leading cause of death in Utah. It is the leading cause of death for both women and men and for most race/ethnicity groups. The percent of deaths from heart disease has decreased over the last 40 years. (See Figure 1). In 2000, nearly a quarter of all deaths were a result of heart disease.

Figure 1

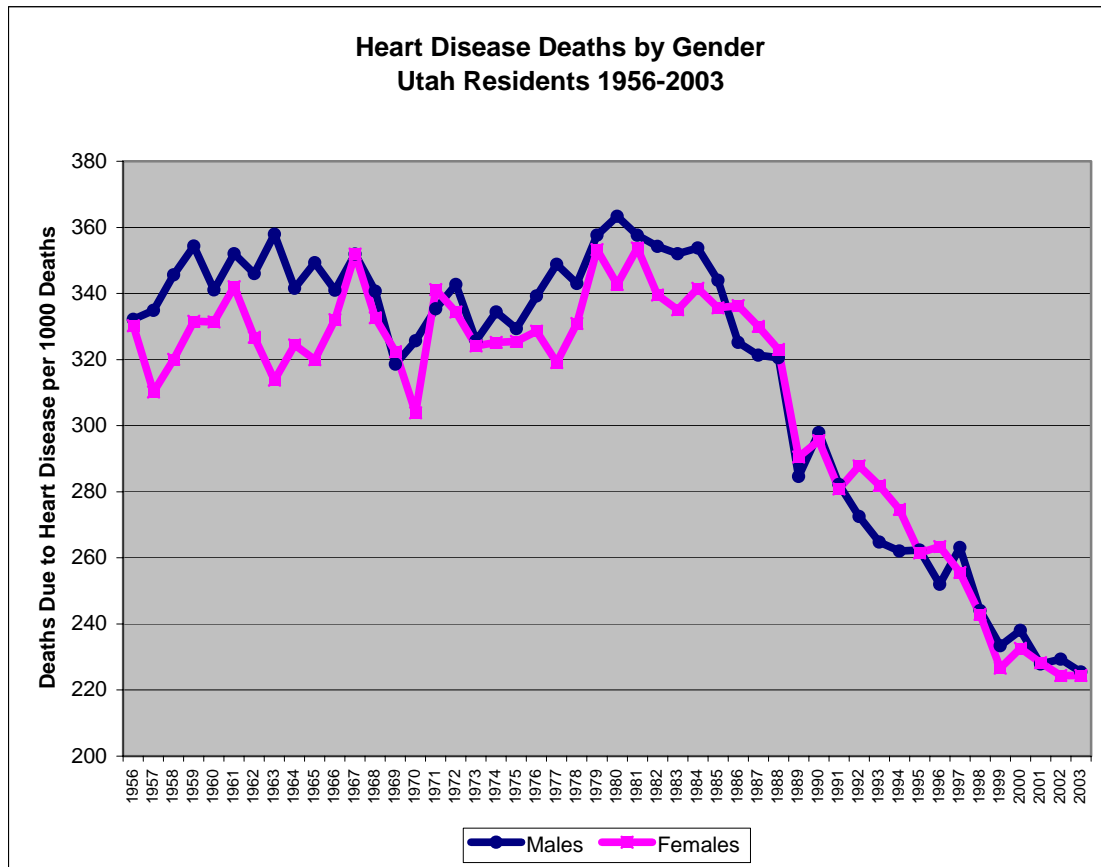


Heart Disease Deaths by Gender

Heart disease was once thought to affect mostly men. In Utah, death rates from heart disease for both genders follow the same trend, and there is little difference between the rates for men and women. Men had a slightly higher rate of deaths from heart disease until the mid-1980s and again after 1996. (See Figure 2.)

Heart disease is the leading cause of death for American women. Each year 267,000 women die from heart attacks, which are six times the number of women that die from breast cancer.¹ Women are 15 percent more likely than men to die of a heart attack. Women are twice as likely as men to have a second heart attack within six years.²

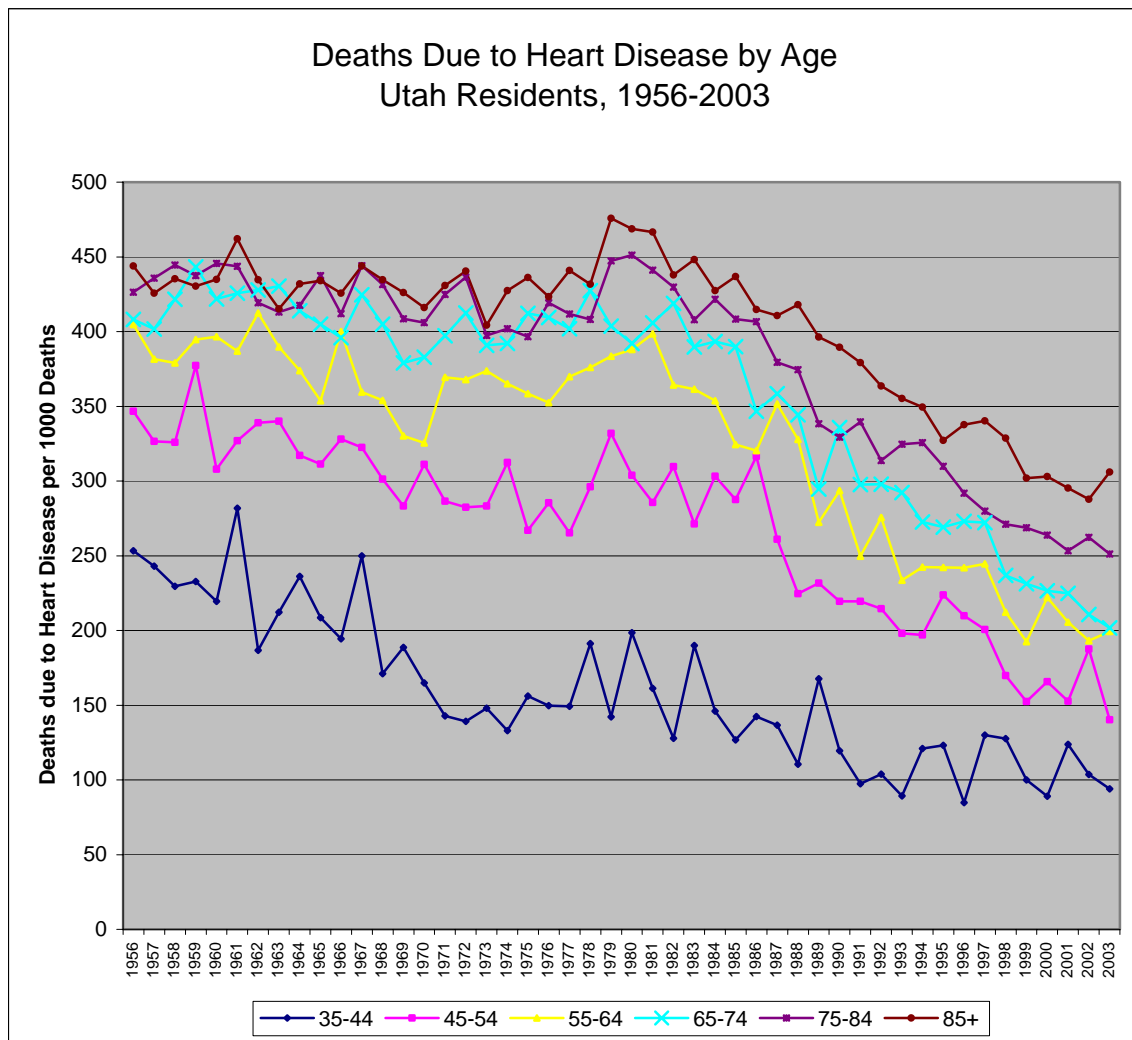
Figure 2



Heart Disease Deaths by Age

Heart disease is a leading cause of death for all age groups 35 and older. The rate of deaths from heart disease increases as the population ages. Figure 3 shows the rate of death for age groups 35 and older for the years 1956 through 2003. Since 1956, deaths from heart disease have decreased for all age groups. Deaths to individuals younger than 65 years old make up 16 percent of all heart disease deaths.

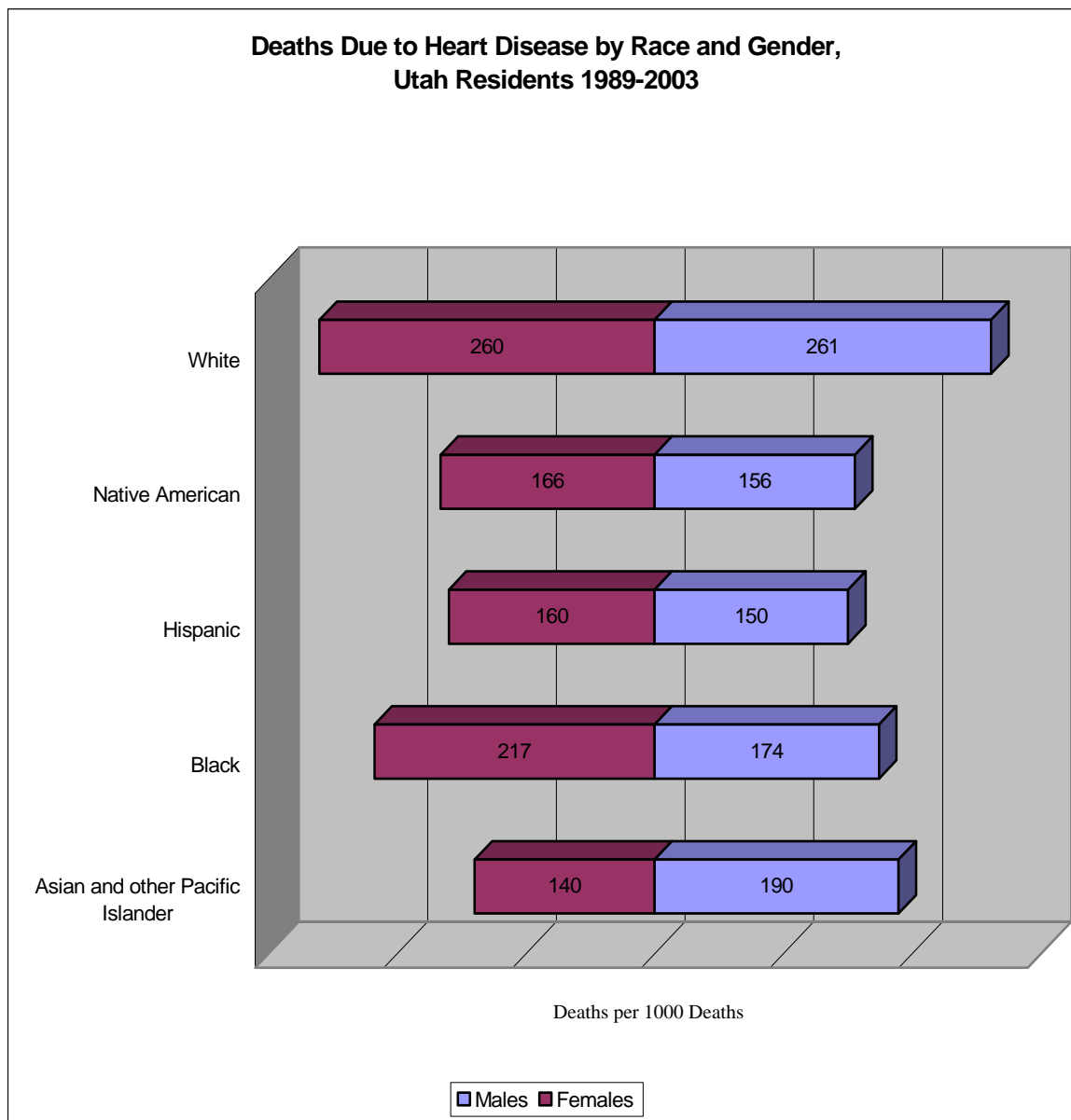
Figure 3



Heart Disease Deaths by Race/Ethnicity

Figure 4 shows the rate of deaths from heart disease by race/ethnicity and gender. Heart disease is the leading cause of death for Native Americans, Blacks, Hispanics, and Whites. Although cancer is the leading cause of death for Asians and Pacific Islanders, heart disease is a close second.³ Whites and Blacks have a higher rate of deaths from heart disease than other race/ethnicity groups. Overall, Asians have the lowest rate of deaths from heart disease, but Asian women have the second highest rate of heart disease among women.

Figure 4



Heart Disease Deaths by Geographic Location

Death rates for heart disease can be viewed by geographic location. Heart disease was the leading cause of deaths in all Utah health districts in 1960. The rates were highest in the Wasatch and Central Utah Health Districts and heart disease was the leading cause of death in all health districts. The state's rate of deaths from heart disease decreased from 33.7 percent in 1960 to 23.5 in 2000. In 2000, the death rate from cancer surpassed heart disease in the Southeastern Health District and was a close second in several others.

Figure 5

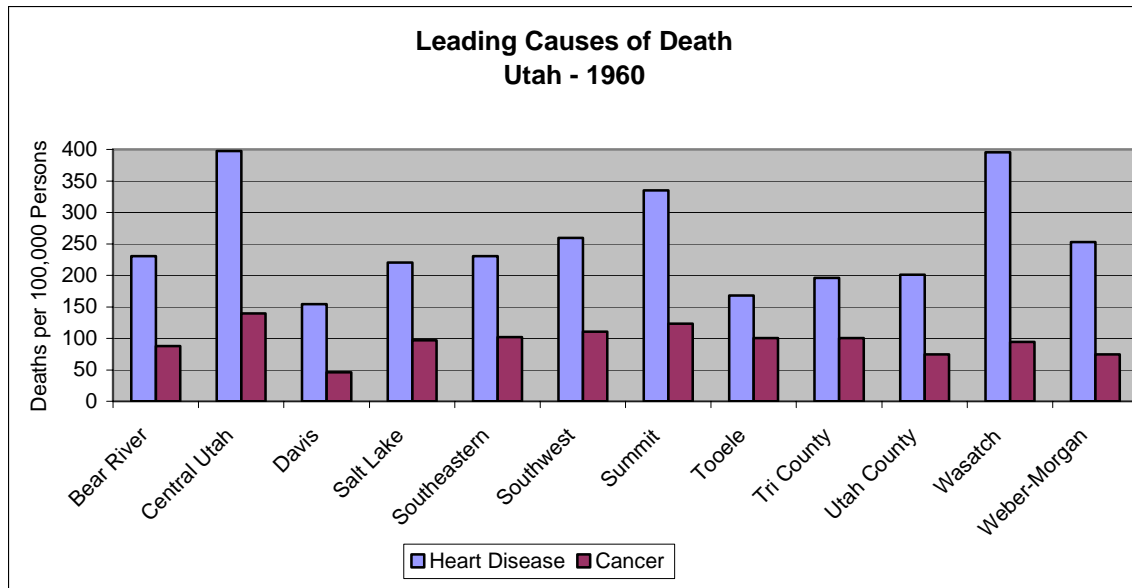
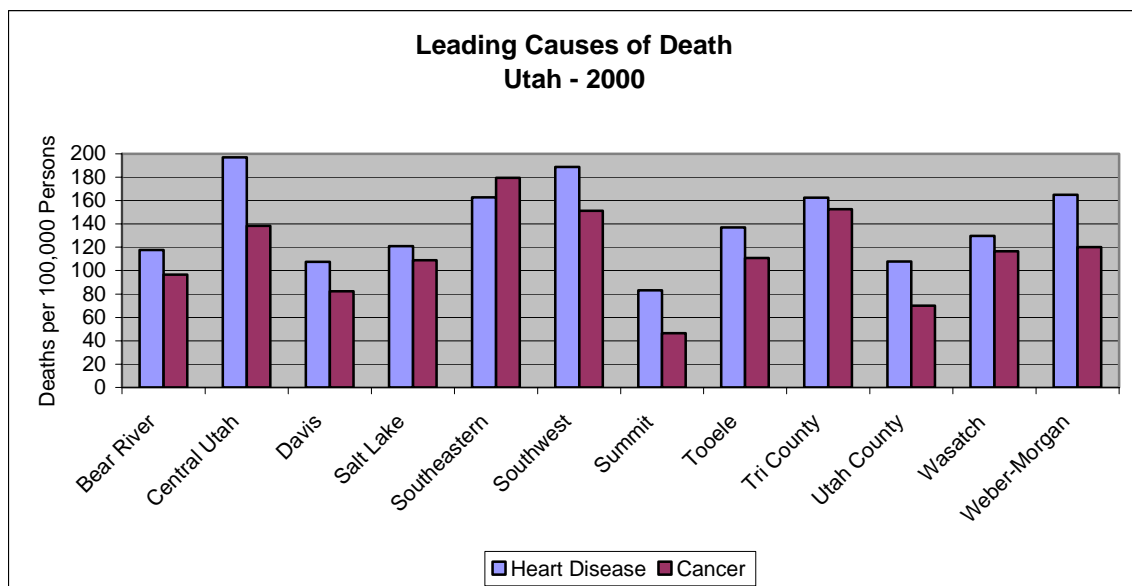


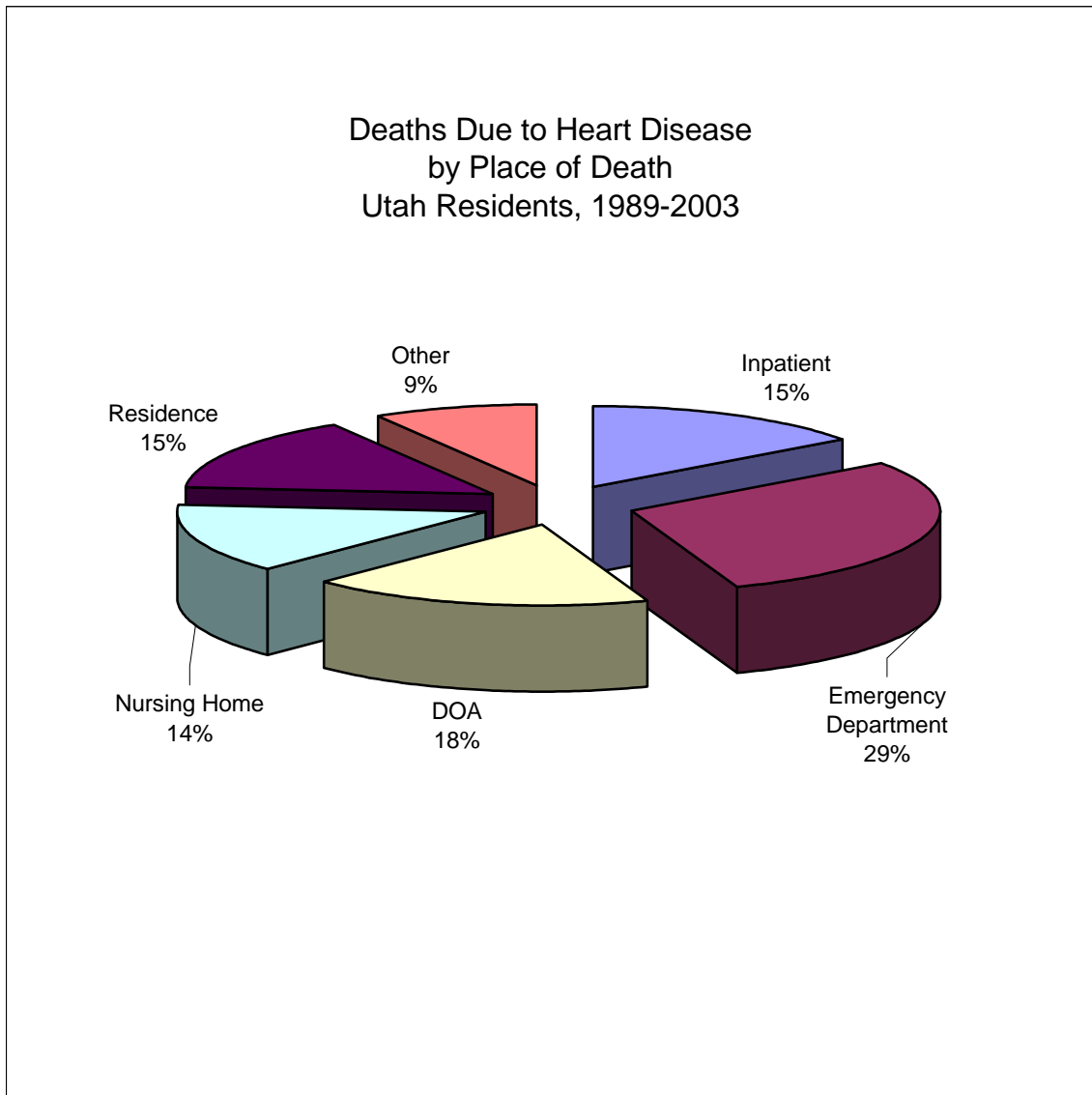
Figure 6



Heart Disease Deaths by Place of Death

The Centers for Disease Control estimates that each year 400,000 to 460,000 people die from heart disease prior to reaching or in emergency departments. This accounts for over 60 percent of all cardiac deaths.⁴ In Utah, 71 percent of deaths from heart disease occur outside of the hospital inpatient or nursing home setting.

Figure 7



Conclusion

Deaths from heart disease have greatly decreased over the past 40 years but still remain the leading cause of death today. Heart disease death rates are similar among race/ethnicity groups. Men and women are equally likely to die from heart disease, and it is pervasive throughout all geographic locations within the state. Even though those aged 65 and older are more likely to die from heart disease, it affects a large number of adults in the 35-64-year-old age range.

References

1. The National Coalition for Women with Heart Disease; "Women and Heart Disease Fact Sheet"; Cardiac Information; Washington, D.C.; 2004.
2. WebMDHealth; "Silent Risk: Women and Heart Disease"; Search: "Silent Risk"; Originally published January 26, 2004 (Medically updated January 27, 2005).
3. Centers for Disease Control and Prevention; "Heart Disease Fact Sheet"; Search: "Heart Disease Fact Sheet"; Atlanta, GA; February 8, 2005.
4. American Heart Association and American Stroke Association; "Heart Disease and Stroke Statistics," (the supplement to "Heart and Stroke Facts"); Dallas, TX; 2004 Update.

